

CLAIM AMENDMENTS

1. (canceled)

1 2. (currently amended) The dental implant according to
2 claim 10, characterized in that the outer thread $[(9)]$ is formed
3 as a double thread.

1 3. (currently amended) The dental implant according to
2 claim 10, characterized in that the ratio of the axial lengths
3 $[(L_{10}, L_{12}, L_{13})]$ of the crestal segment $[(10)]$ or the tip
4 segment $[(13)]$ on the one hand to the middle segment $[(12)]$ on
5 the other hand lies between 1:1 and 1:2.

1 4. (currently amended) The dental implant according to
2 claim 10, characterized in that the ratio of the thread outer
3 diameter $[(D_9, D_{13})]$ in the crestal segment and the middle segment
4 to that of the apical end of the tip segment $[(13)]$ lies at about
5 4:3.5.

1 5. (currently amended) The dental implant according to
2 claim 10 characterized in that the anchoring head $[(6)]$ has an
3 internal hexagonal rounded surface toothed socket $[(5)]$ adjacent
4 a blind threaded bore $[(6)]$ close to the apical side.

6 - 9. (canceled)

1 8. (currently amended) A final drill for creating a
2 final bore for a dental implant according to claim 10,
3 characterized in that the final drill $[(21)]$ has a conical
4 cutting contour with the conical pattern matched to the conical
5 angle of the thread cores $[(8)]$ and with an outer diameter
6 $[(D_{FB})]$ which corresponds to the outer diameter $[(D_{11}, D_{14})]$ of
7 the thread cores $[(8)]$.

1 9. (currently amended) A final drill according to claim
2 8 characterized in that the drill has multiple cutters, preferably
3 three cutters, whereby the cutters extend from the tip $[(23)]$
4 over the area $[(24)]$ of the drill $[(21)]$ up to a depth stop
5 $[(25)]$ on the shank $[(26)]$.

1 10. (new) A set of dental implants comprising two
2 implants each comprising:
3 an anchoring head for a structural element and having an
4 end face of a predetermined face diameter; and

5 a screw element with a thread core and a self-cutting
6 outer thread, the thread core and the outer thread having three
7 segments following one another in succession from crestal to
8 apical, namely

9 a crestal segment adjoining the anchoring head with
10 a constant outer crestal diameter of the outer
11 thread and a thread core conically tapering in

12 the apical direction to a predetermined
13 intermediate diameter,
14 a middle segment with an outer diameter of the
15 thread core substantially equal to the
16 intermediate diameter, and
17 a tip segment with an outer thread of an outer
18 diameter tapering in the apical direction and a
19 conically tapering diameter of the thread core,
20 the outer crestal diameter of one of the two implants being
21 substantially equal to the face diameter and the outer diameter of
22 the other of the two implants being larger or smaller than the
23 outer crestal diameter.